

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Conditions were similar to last week, except a little more sunshine and slightly warmer temperatures on average. All but four of the forty-three stations had higher than normal temperatures this week, and the average across the State was 2.5 degrees above normal at 53.7 degrees. Low temperatures again ranged from 49 degrees in Portland, down to 21 degrees in Christmas Valley. High temperatures ranged from 62 degrees in Astoria, up to 80 degrees in Medford and Rome. All 43 stations reported a measurable amount of precipitation this week, with Bend reporting the least of .05 inches and Detroit Lake reporting the most of 1.91 inches. More than half of the stations reported 0.5 inches or more of rain.

Field Crops: Farmers in Umatilla County continued to seed fall wheat, although fieldwork was halted in Union County due to rainfall. Corn silage harvest continued in the Willamette Valley, although there was concern about mud after rain this week. The rains were not heavy enough to stop fieldwork in Jackson and Douglas counties. Sugarbeet harvest started in Malheur County after delays from muddy conditions. Frost is feared this late in the year with harvest operations still ongoing.

Vegetables: Vegetable harvest continued. Some vegetables were still growing slowly with the possibility of getting another pea crop. Zucchini's were still producing.

Squash and pumpkins were harvested. Tomatoes were turning red; however wet conditions had caused splitting. Fall vegetable crops were growing well.

Fruits and Nuts: Hazelnut harvest continued this past week. Walnuts were almost ready to harvest. Vineyards started some harvest, but were still waiting for sugar levels to improve. Some late raspberries were still being harvested. Blueberries continued to produce. Apple harvest continued in Yamhill County. Winter pear harvest continued in the Hood River Valley, while operations were disrupted by rain and slowed due to a continuing labor shortage. Most pear and apple harvest was almost done in Jackson County.

Nurseries and Greenhouses: Greenhouses were almost done with fall stock planting and were preparing for holiday decorative plants. Nurseries were settling current stock for the fall and winter seasons. Some fall stock plants were being sold.

Livestock, Range and Pasture: Livestock were being brought in from forest and range allotments. Calves were being weaned, tagged, and branded. Some calves were being shipped. Producers were busy preparing animals for the fall. Livestock generally looked good.

Soil Moisture - Week Ending 10/16/11

| | Very short | Short | Adequate | Surplus |
|---------|-------------------|----------------|-----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Topsoil | 5 | 18 | 75 | 2 |
| Subsoil | 8 | 32 | 60 | 0 |

Crop Progress - Week Ending 10/16/11

| Crop | This week | Last week | Last year | 5 year average |
|-----------------------------|------------------|------------------|------------------|-----------------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Alfalfa hay, third cutting | 95 | 90 | 100 | 100 |
| Winter wheat planted | 66 | 42 | 78 | 74 |
| Winter wheat emerged | 27 | 17 | 43 | 37 |
| Days suitable for fieldwork | 5.1 | 4.0 | 6.4 | 5.8 |

Crop Condition - Week Ending 10/16/11

| Crop | Very poor | Poor | Fair | Good | Excellent |
|-------------------|------------------|----------------|----------------|----------------|------------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Corn | 0 | 0 | 22 | 77 | 1 |
| Range and pasture | 6 | 18 | 39 | 36 | 1 |

Western Oregon

CLACKAMAS: Some heavy rains this week with some nice sunshine over the weekend, no frost yet. Sweet corn, cauliflower, corn silage, and hazelnut harvest continued. Wine grape growers were still waiting for more sugar. Every additional hour of sunshine helps.

COOS/CURRY: Mornings continued with more fall-like conditions this week, fog on the Coast and bottoms and temperatures inland continued warm. Low temperatures were about 5 degrees above the 5-year average in Brookings (southern Curry) and in Bandon (Coos County). High temperatures through the week were over 4 degrees below the 5-year average in Bandon, and nearly 4 degrees below the 5-year average in Brookings (southern Curry). Inland temperatures only a few miles from the coast were higher. There was 1/3 inch precipitation in Bandon over 2 days and nearly 2 inches on Monday in Brookings. The grazing conditions continued fair to good for the most part. Pastures were greening up again. There were 6 days suitable for field work during the period. Bandon (Coos and Northern Curry): Low temperature for the period was 45.68 degrees, which is 5.03 degrees above the 5-year average. High temperature for the period was 66.03 degrees, 4.41 degrees below the 5-year average. Precipitation for the period was 0.31 inches which is 0.31 inches below the 5-year average for the week. Weather year 2012 (began 10/1/2011) precipitation stands at 2.51 inches, 1.08 inches above the 5-year average. Historical average precipitation through the month of October is 4.07 inches. Brookings (Southern Curry): Low temperature for the period was 51.16 degrees, 6.31 degrees above the 5-year average. High temperature for the period was 70.3 degrees, 3.9 degrees below the 5-year average. Precipitation for the period was 1.88 inches (on one day), compared to a 5-year average of 1.4 inches. Weather year 2012 (began 10/1/2011) precipitation stands at 7.74 inches, 5.19 inches above the 5-year average. Historical average precipitation through October is 5.22 inches.

DOUGLAS: Some light rain this past week, but not enough to keep people out of the fields. Sunny weather is needed to help wine grape and tree fruit crops finish ripening. There was enough rain for good germination of fall seeded grain crops and pastures. Fall vegetable crops were growing well.

JACKSON: If the weather should hold out dry a little longer, some more hay could be made. Most field work was ground preparation. Squash and pumpkins were being harvested. Some fall grain, and cover crop plantings. Most pears and apples were about done. Vineyards were still picking grapes, as the sugar levels got better. There were

still some fruits and vegetables being harvested and showing up at farmers markets. Greenhouses were about done with fall planting stock and some were getting ready for holiday decorative plants. Nurseries were getting stock settled for fall and winter. Some fall planting stock was being sold. All livestock were looking quite good. Cattle were brought back from open range. Some calves born on the open range were being tagged or branded. Ranchers were getting stock ready for fall. Weather conditions were fair. There were some showers last weekend, but not enough to halt field work.

JOSEPHINE: Overnight temperatures were 40-66 degrees with a daytime high of 81. Very heavy dew every morning, but no measurable precipitation in the form of rain. Higher humidity made it seem warmer than it was when working. Vineyards did some harvesting. Truck gardens continued sales but product was late in maturing due to spring lasting through July. It has been a wonderful fall so far.

LANE: Hazelnuts were falling with some being harvested. Apples and late pears have a great taste for being so late. Pumpkins survived the powdery mildew. Squash crops were doing okay. Zucchini's were still producing. Some late raspberries were still harvested. A few spotted wing drosophila were still found, but they were not too bad this year. Tomatoes were still turning red, and having some troubles of splitting due to the wet conditions. Some grape growers started harvesting, the grapes look really good. Vegetables were still growing slowly with possibilities of getting another pea crop.

WASHINGTON: Field corn harvest for silage was ongoing. Cover crops were planted. Tiling of fields and haying were both done. Blueberries continued to produce. Filbert harvest started and walnuts were about ready to harvest. Sweet corn harvest continued with end in sight next week. Elk had gotten into some sweet corn fields. New plants ready for transplant and maturing trees. All livestock were looking good. High temperature of 63.7 degrees and a low of 41.6 degrees, with 1.2 inches of rain fall.

YAMHILL: Corn silage harvest continued with hopes of not "mudding" too much out of the fields. Yields seemed to be doing okay. Hazelnut harvest continued, with the smaller operations getting into the process as well this week. Wine grape growers were able to get a start as well this week on early varieties. They were also hoping for the week forecasters to be right about a stretch of dry, warm weather at the first of next week so they can get in some of the pinot noir. Apple harvest continued.

Eastern Oregon

HARNEY: A relatively strong weather system moved through early in the week and brought substantial moisture. It rained throughout the County on Monday, Tuesday, Saturday, and Sunday. Freezing temperatures were experienced midweek throughout most areas. Some producers were finishing their third cutting. Livestock producers continued gathering cattle from forest and range allotments. Weaning operations continued and some calves were being shipped.

HOOD RIVER: Variable weather including intermittent rain prevailed through the week. Winter pear harvest continued in the lower and mid Hood River Valley and got underway in the upper Valley. Harvest operations were disrupted by rain and slowed due to a continuing labor shortage.

MALHEUR: October 10th brought about 1/3 inch of rain and almost 1/4 inch of rain on October 16th. The rain on the 10th slowed harvest by one or two days depending on soil conditions. High and low temperatures have been around normal for this time of year. Highs around 68, lows around

45. Potato and onion harvest continued, but the scattered rain storms slowed progress. Most hay was done and sugar beet harvest has started. Reports vary from 30-40% of the onion crop still being out in the fields. Frost has become a major fear for local farmers this late in the year. Sugarbeet harvest just started on Wednesday with many farmers not being able to harvest due to the muddy conditions.

UMATILLA: The past week brought additional rains across the County. Potato and onion harvests were still ongoing. Seed corn harvest continued, but the maturity of the crop was sporadic across the County, so harvest was slow and inconsistent. Farmers continued to seed fall wheat.

UNION: Significant rainfall this week stopped sugarbeet harvest, peppermint, fall wheat seeding, and other field activities in an already late season.

WALLOWA: Cooler temperatures and some moisture throughout the week.

Weather data for selected stations in Oregon, Week ending: October 16, 2011 (as of 11:00 am) ¹

| Station | Air temperature ² | | | | Growing degree days ³ | | Last week precip. ⁴ | | | Season cum. precipitation ⁵ | | | |
|-------------------------------|------------------------------|------|------|------------------|----------------------------------|------------------|--------------------------------|------------------|-------------------|--|------------------|-------------|-------------------|
| | Low | High | Avg. | DFN ⁶ | Total | DFN ⁶ | Total inches | DFN ⁶ | Days ⁷ | Total inches | DFN ⁶ | Pct. normal | Days ⁷ |
| COASTAL AREAS | | | | | | | | | | | | | |
| Astoria | 39 | 62 | 54 | +2 | 31 | +7 | 0.49 | -0.66 | 2 | 4.81 | -0.50 | 91 | 20 |
| Bandon ⁸ | 46 | 66 | 57 | +4 | 51 | +22 | 0.31 | -0.45 | 2 | 3.15 | -0.04 | 99 | 13 |
| Crescent City | 47 | 69 | 59 | +3 | 61 | +18 | 1.19 | 0.29 | 2 | 5.27 | 1.75 | 150 | 9 |
| Florence | 45 | 66 | 56 | +1 | 43 | +6 | 1.51 | 0.34 | 4 | 6.46 | 1.63 | 134 | 18 |
| North Bend | 48 | 66 | 58 | +3 | 54 | +17 | 0.68 | -0.18 | 2 | 2.46 | -1.03 | 70 | 13 |
| Tillamook | 45 | 66 | 56 | +3 | 41 | +17 | 1.31 | -0.11 | 6 | 4.87 | -1.84 | 73 | 21 |
| WILLAMETTE VALLEY | | | | | | | | | | | | | |
| Aurora ⁸ | 47 | 65 | 56 | +3 | 40 | +15 | 0.76 | 0.13 | 6 | 2.52 | -0.60 | 81 | 23 |
| Corvallis | 42 | 65 | 55 | +2 | 35 | +7 | 0.72 | 0.13 | 5 | 2.62 | -0.08 | 97 | 17 |
| Detroit Lake ⁸ | 44 | 70 | 55 | +8 | 38 | +24 | 1.91 | 0.98 | 5 | 3.92 | -0.21 | 95 | 16 |
| Eugene | 45 | 66 | 57 | +2 | 48 | +14 | 0.68 | 0.06 | 3 | 1.88 | -1.00 | 65 | 11 |
| Hillsboro | 41 | 65 | 54 | +2 | 30 | +5 | 0.75 | 0.20 | 6 | 1.89 | -0.75 | 72 | 18 |
| McMinnville | 43 | 65 | 55 | +2 | 40 | +10 | 0.83 | 0.21 | 6 | 2.25 | -0.67 | 77 | 18 |
| Portland | 49 | 66 | 57 | +2 | 48 | +11 | 0.88 | 0.36 | 6 | 2.22 | -0.63 | 78 | 20 |
| Salem | 41 | 68 | 56 | +3 | 43 | +18 | 0.76 | 0.19 | 6 | 2.20 | -0.52 | 81 | 17 |
| SW VALLEYS | | | | | | | | | | | | | |
| Grants Pass | 41 | 76 | 58 | +2 | 58 | +10 | 0.17 | -0.28 | 2 | 1.04 | -0.75 | 58 | 6 |
| Medford | 40 | 80 | 61 | +5 | 76 | +33 | 0.13 | -0.15 | 1 | 0.65 | -0.78 | 45 | 5 |
| Roseburg | 44 | 75 | 59 | +3 | 64 | +18 | 0.23 | -0.20 | 3 | 1.52 | -0.47 | 76 | 10 |
| NORTH CENTRAL | | | | | | | | | | | | | |
| Condon | 38 | 63 | 51 | +2 | 11 | -1 | 0.67 | 0.46 | 4 | 1.05 | -0.09 | 92 | 10 |
| Echo ⁸ | 43 | 69 | 55 | +3 | 36 | +12 | 0.36 | 0.22 | 4 | 0.56 | -0.11 | 84 | 8 |
| Heppner | 42 | 65 | 54 | +2 | 26 | +2 | 0.63 | 0.42 | 3 | 1.02 | -0.26 | 80 | 10 |
| Hermiston | 42 | 69 | 55 | +3 | 39 | +15 | 0.28 | 0.14 | 5 | 0.56 | -0.11 | 84 | 10 |
| Madras ⁸ | 35 | 68 | 52 | +3 | 19 | +0 | 0.10 | -0.04 | 3 | 0.45 | -0.37 | 55 | 6 |
| Moro | 40 | 64 | 52 | +3 | 21 | +6 | 0.51 | 0.37 | 4 | 0.88 | 0.02 | 102 | 7 |
| Parkdale ⁸ | 37 | 63 | 51 | -2 | 12 | -8 | 1.68 | 1.27 | 7 | 2.08 | 0.11 | 106 | 16 |
| Pendleton | 39 | 66 | 53 | -1 | 23 | -4 | 0.52 | 0.35 | 4 | 0.87 | -0.07 | 93 | 9 |
| Prairie City ⁸ | 35 | 68 | 52 | +3 | 19 | +0 | 0.10 | -0.04 | 3 | 0.45 | -0.37 | 55 | 6 |
| The Dalles | 45 | 69 | 58 | +8 | 56 | +39 | 0.63 | 0.49 | 7 | 0.91 | 0.04 | 105 | 14 |
| SOUTH CENTRAL | | | | | | | | | | | | | |
| Agency Lake ⁸ | 21 | 71 | 48 | +1 | 6 | -1 | 0.06 | -0.22 | 1 | 0.36 | -0.82 | 31 | 5 |
| Bend | 31 | 67 | 49 | +2 | 8 | -4 | 0.05 | -0.09 | 1 | 0.16 | -0.56 | 22 | 2 |
| Burns | 27 | 73 | 50 | +4 | 11 | +4 | 0.52 | 0.38 | 3 | 1.39 | 0.51 | 158 | 7 |
| Christmas Valley ⁸ | 21 | 76 | 48 | -3 | 8 | -11 | 0.28 | 0.07 | 3 | 0.28 | -0.73 | 28 | 3 |
| Klamath Falls | 28 | 72 | 52 | +3 | 22 | +4 | 0.17 | -0.04 | 1 | 0.54 | -0.43 | 56 | 3 |
| Klamath Falls ⁸ | 28 | 73 | 52 | +2 | 20 | +2 | 0.14 | -0.07 | 1 | 0.55 | -0.42 | 57 | 5 |
| Lakeview ⁸ | 29 | 75 | 50 | +2 | 10 | -4 | 0.09 | -0.15 | 1 | 0.56 | -0.58 | 49 | 6 |
| Lorella ⁸ | 26 | 78 | 51 | +1 | 18 | +0 | 0.19 | -0.02 | 1 | 0.46 | -0.51 | 47 | 4 |
| Redmond | 25 | 72 | 50 | +1 | 11 | -4 | 0.21 | 0.11 | 2 | 0.35 | -0.25 | 58 | 4 |
| Worden ⁸ | 25 | 75 | 50 | -1 | 10 | -8 | 0.24 | 0.03 | 1 | 0.53 | -0.44 | 55 | 5 |
| NORTHEAST | | | | | | | | | | | | | |
| Baker City | 27 | 69 | 49 | +2 | 3 | -7 | 0.51 | 0.37 | 3 | 0.96 | -0.10 | 91 | 7 |
| Joseph | 33 | 65 | 49 | +5 | 8 | +5 | 0.72 | 0.33 | 5 | 1.72 | -0.48 | 78 | 13 |
| La Grande | 36 | 70 | 53 | +3 | 26 | +8 | 0.54 | 0.26 | 5 | 1.20 | -0.32 | 79 | 10 |
| Imbler ⁸ | 36 | 68 | 51 | +3 | 13 | +0 | 1.05 | 0.70 | 6 | 1.77 | -0.03 | 98 | 12 |
| SOUTHEAST | | | | | | | | | | | | | |
| Ontario | 38 | 72 | 55 | +3 | 36 | +12 | 0.55 | 0.41 | 3 | 1.28 | 0.49 | 162 | 7 |
| Rome | 29 | 80 | 55 | +6 | 38 | +20 | 0.45 | 0.34 | 2 | 0.97 | 0.13 | 115 | 6 |

¹ Summary based on NWS data. Copyright 2011: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2011.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.